**A**



**B**

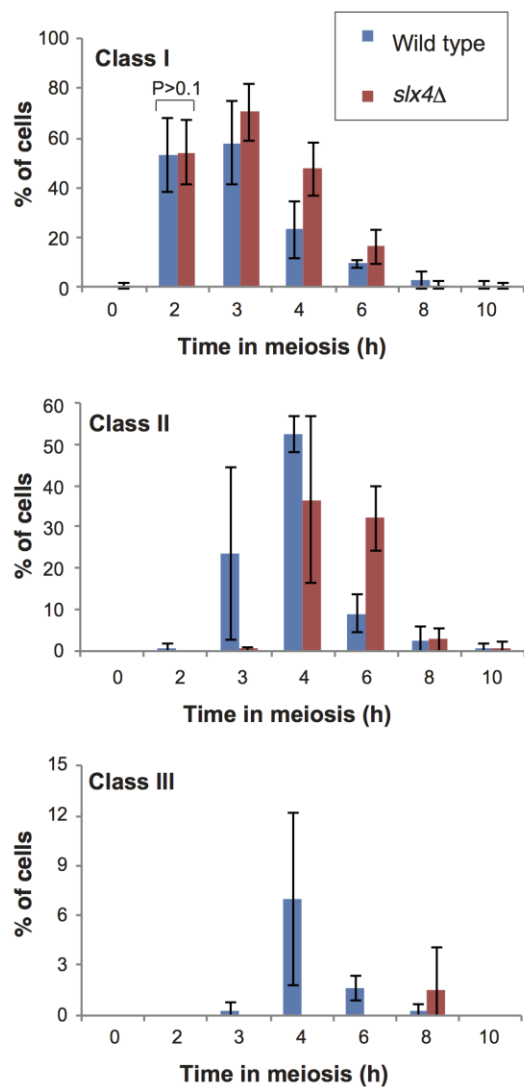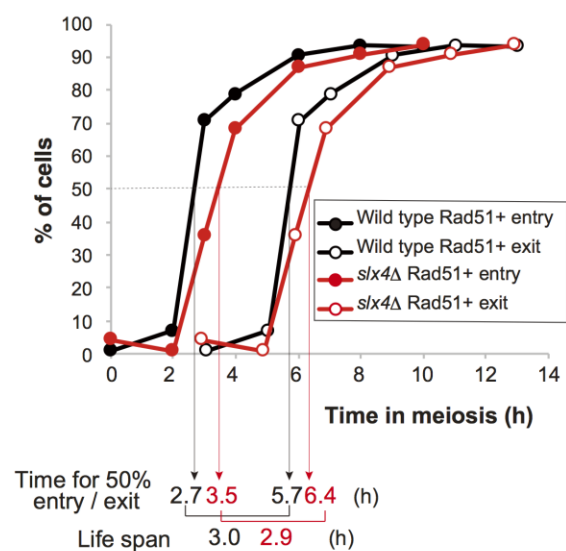**Figure S1 Kinetics of appearance of Zip1 in each class**

(A)　Averaged percentage of cells containing Zip1 in each class in indicated time points in wild type (NKY1551) and *slx4Δ* (MHY24) were shown. Error bars show the SD from three independent trials. Chi-square test was applied for statistical significance.

(B)　Cumulative curve showed was converted from the non-cumulative curve in Figure 1E as described previously (SHINOHARA *et al.* 2000). Each time at which 50% of nuclei had entered or exited Rad51-positive stage was shown.